

# LATCHING MECHANISM FOR DRUM MAINTENANCE UNIT

## Abstract

A latching mechanism is provided on a Drum Maintenance Unit (drum maintenance unit). The latching mechanism releasably secures the drum maintenance unit to a media device when installed in the media device and provides an electrical connection. The latching mechanism contacts with a locking tab and a data connection that may be located on a receiving portion of the media device. This arrangement allows the latching mechanism to simultaneously latch and connect with a receiving portion of the media device. The latching device of the connection device may be provided to releasably lock with the media device until a predetermined amount of force is applied.